

Title (en)

Drive unit of self-luminous device with degradation detection function

Title (de)

Steuervorrichtung mit Verschlechterungsfeststellung für eine selbstleuchtende Anzeigevorrichtung

Title (fr)

Système de commande pour panneau d'affichage émissif avec détection des détériorations

Publication

**EP 1355289 B1 20080702 (EN)**

Application

**EP 03008469 A 20030411**

Priority

JP 2002111464 A 20020415

Abstract (en)

[origin: EP1355289A2] A drive unit which can prevent the decrease of the luminance of a self-luminous device due to degradation or a change in electric characteristic thereof. The drive unit has a semiconductor device having an electric characteristic almost the same as that of the self-luminous device, and drives the semiconductor device in accordance with the frequency of light emission of the self-luminous device. The device generates a characteristic change detection signal indicating the degree of a change in an electric characteristic of the semiconductor device, and supplies the self-luminous device with a drive signal having a current level or a voltage level based on the characteristic change detection signal.  
<IMAGE>

IPC 8 full level

**G09G 3/20** (2006.01); **G09G 3/30** (2006.01); **G09G 3/32** (2006.01)

CPC (source: EP US)

**G09G 3/3216** (2013.01 - EP US); **G09G 3/3283** (2013.01 - EP US); **G09G 3/20** (2013.01 - EP US); **G09G 2310/0256** (2013.01 - EP US); **G09G 2320/029** (2013.01 - EP US); **G09G 2320/043** (2013.01 - EP US); **G09G 2330/021** (2013.01 - EP US)

Cited by

US8576147B2; US8681140B2; US8111215B2; US8013809B2; US8274456B2; US8134546B2; US8482493B2; US7834355B2; US8421715B2; US7482629B2; EP1932137B1; EP1774500A4

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